



Interpretive Program
Construction Drawings

DRAWING LIST:

- Cover
- Site Map
- C-1□□ Murfree Spring
- C-2□□ Waterworks
- C-3□□ Aquatic Food Chain
- C-4□□ Turtle
- C-5□□ Amphibians
- C-6□□ Mammels
- C-7□□ Fish
- C-8□□ Radio
- C-9□□ Sand Spring
- C-10□□ Plants
- C-11□□ Birds
- C-12□□ Birds- removable sign
- C-13□□ Insects
- C-14□□ Kiosk
- C-15□□ History Wall
- C-15a□□ History Wall- details
- C-16□□ TN Icons□

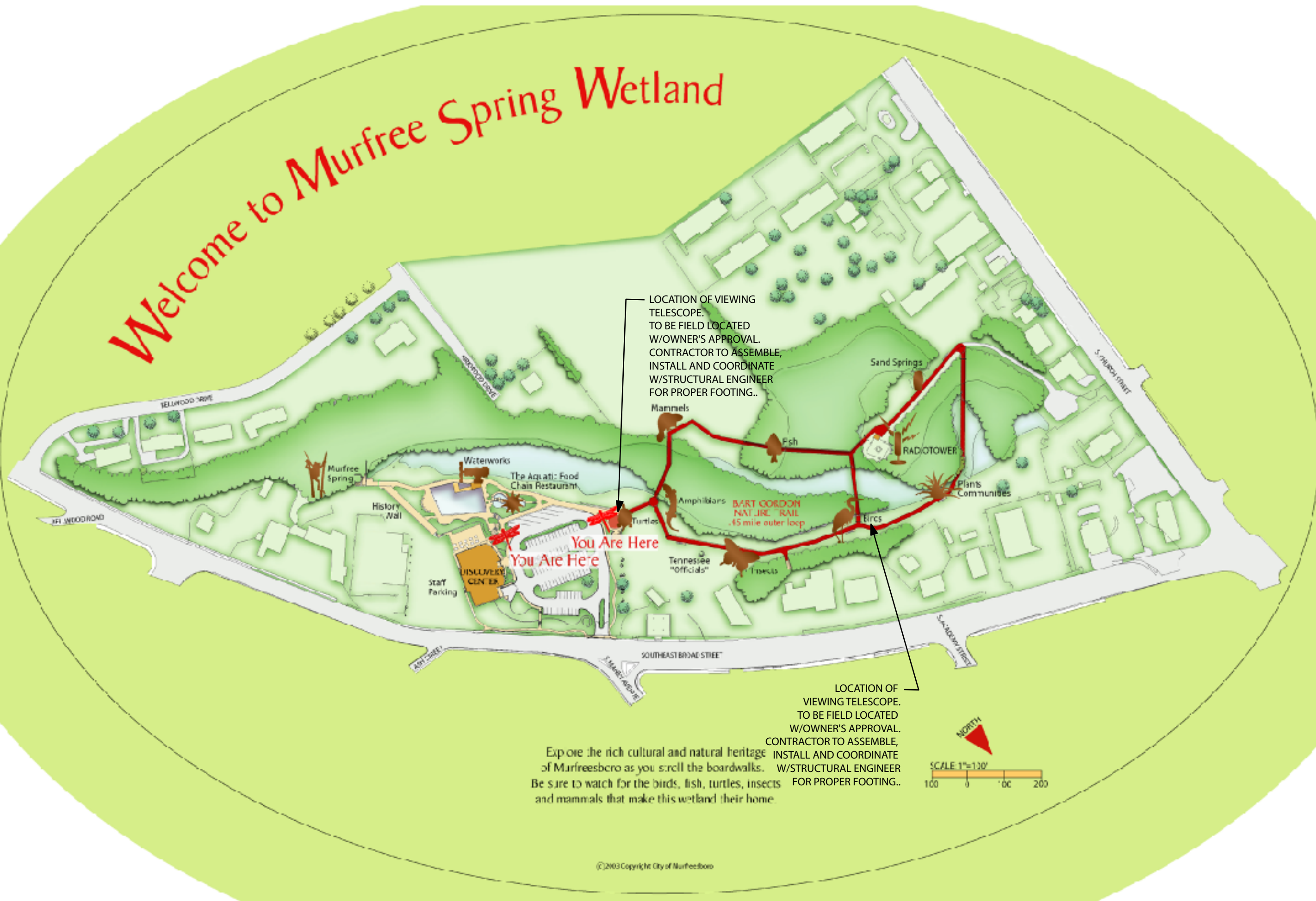


Discovery Center & Murfree Spring Wetland
502 S.E. Broad St. Murfreesboro, TN
Interpretive Signage Package
For U.S. Army Corps of Engineers, Nashville, TN

Date: 04-01-04

Murfree
Spring
Cover

Welcome to Murfree Spring Wetland



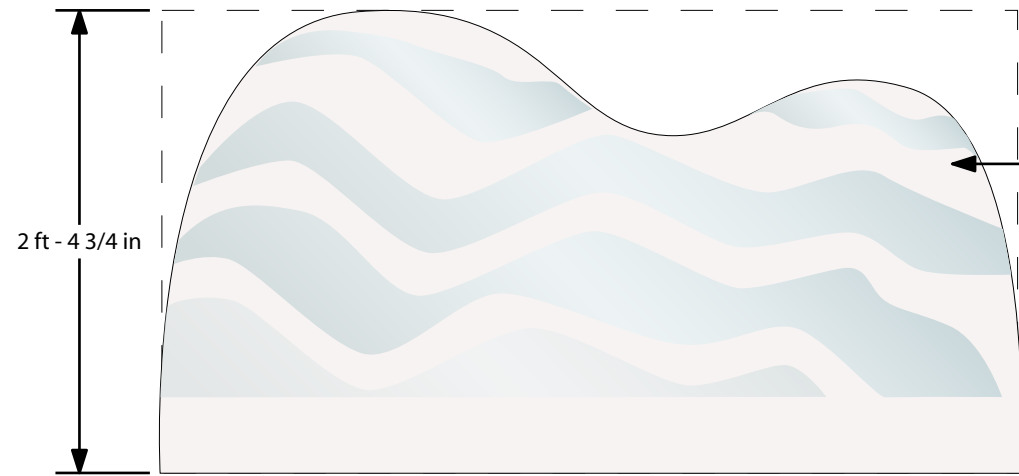
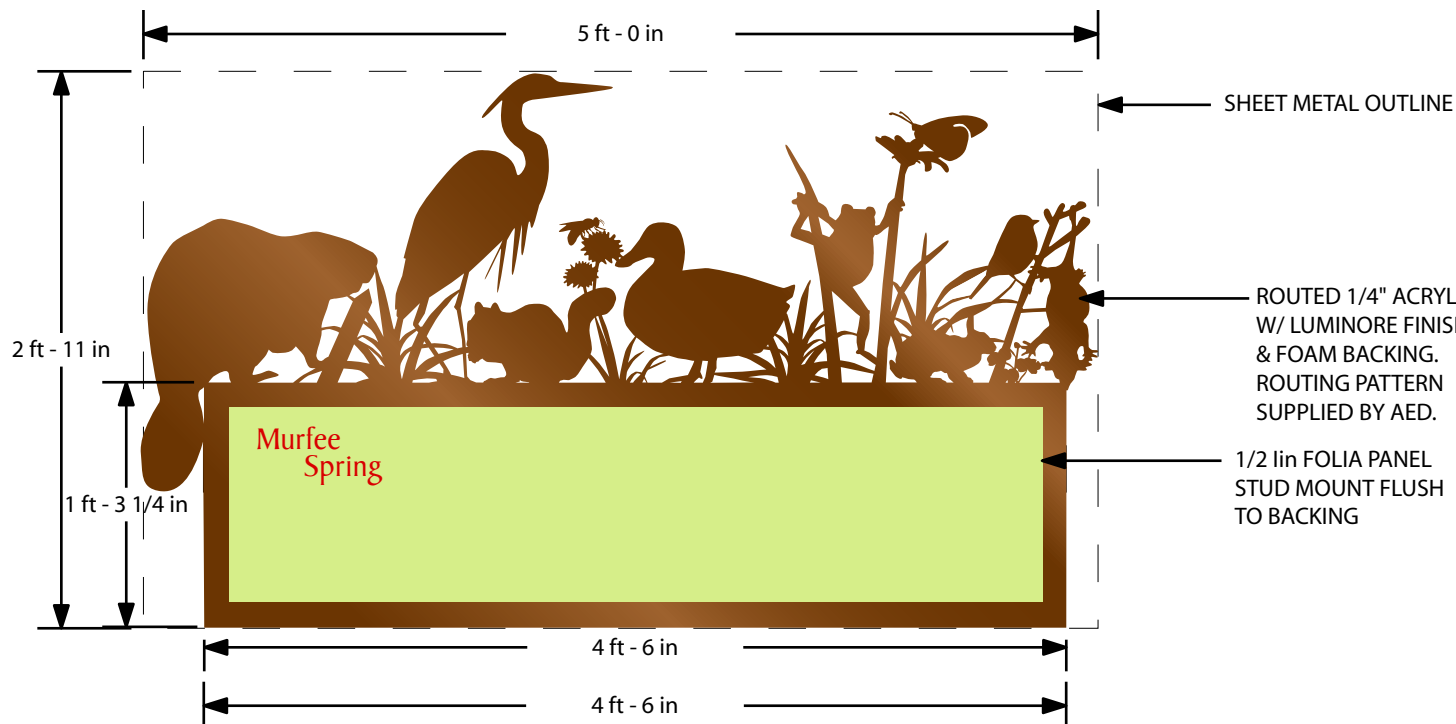
Explore the rich cultural and natural heritage of Murfreesboro as you stroll the boardwalks. Be sure to watch for the birds, fish, turtles, insects and mammals that make this wetland their home.

©2003 Copyright City of Murfreesboro

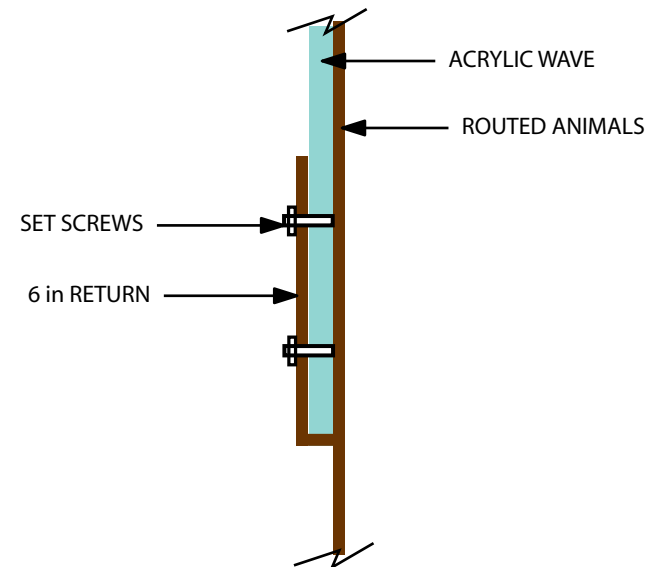


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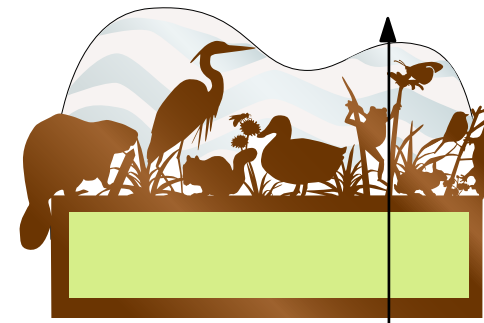
Date: 04-01-04
Murfree Spring
Site Plan



DETAIL 2 - ELEVATION Panels
SCALE 1"=1'



DETAIL 5-ENLARGEMENT
Routed Animals & Acrylic Wave Attachment
Scale: 3"=1'



DETAIL 1 - ELEVATION Concept
SCALE 1/2"=1'

3
C-1

NOTES:
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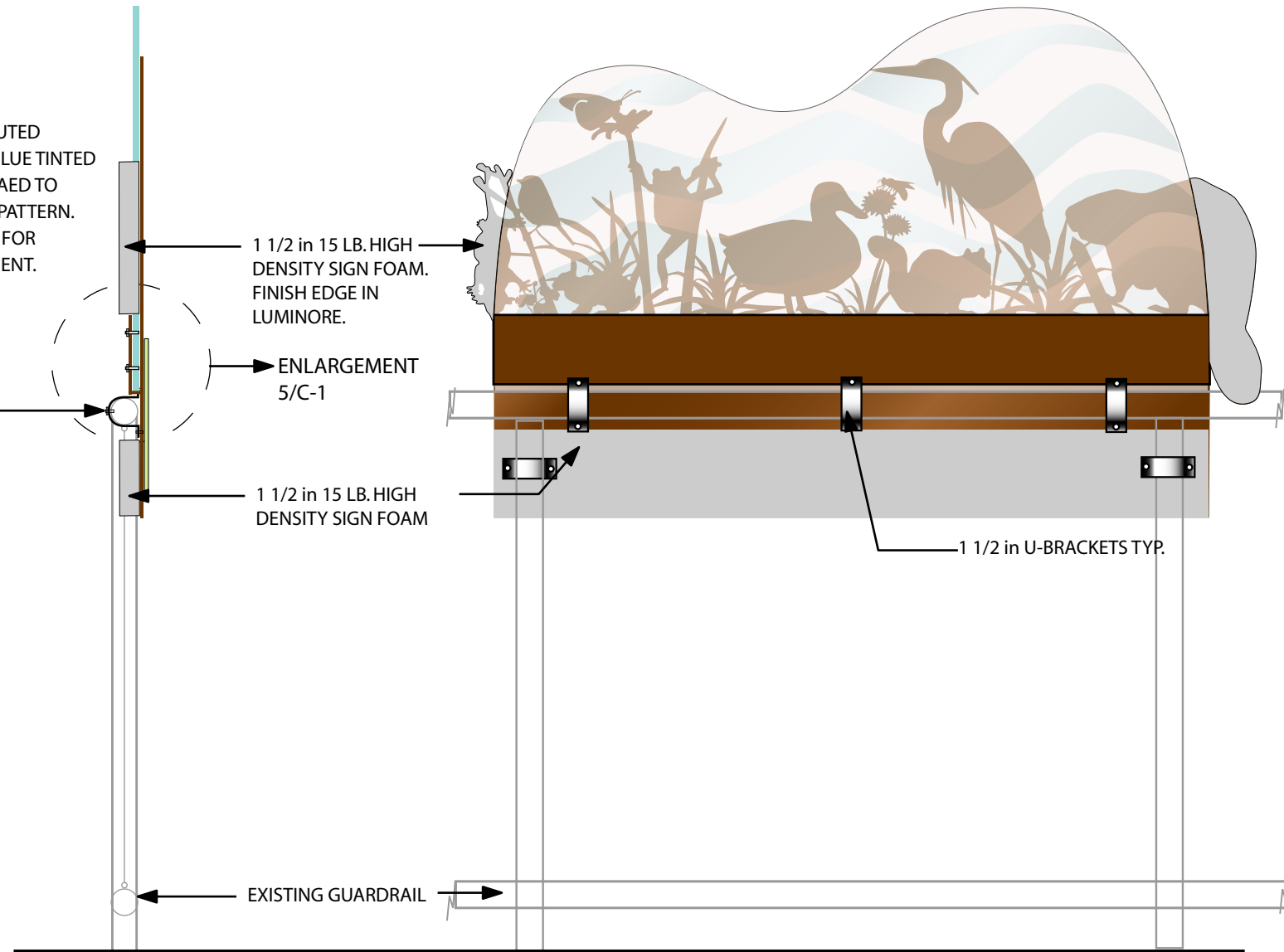
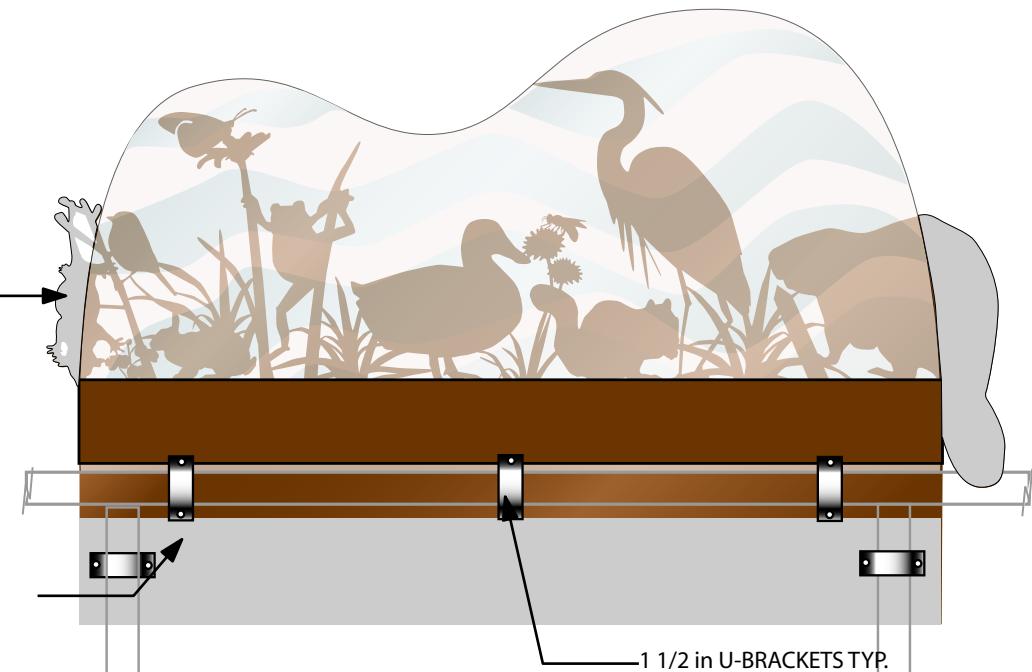
1/4 in ROUTED ETCHED BLUE TINTED ACRYLIC. AED TO PROVIDE PATTERN. SEE 5/C-1 FOR ATTACHMENT.

SET SCREW TYP.

1 1/2 in 15 LB. HIGH DENSITY SIGN FOAM. FINISH EDGE IN LUMINORE.

ENLARGEMENT 5/C-1

1 1/2 in 15 LB. HIGH DENSITY SIGN FOAM



DETAIL 3 SECTION VIEW
SCALE 1"=1'

DETAIL 4 BACK VIEW- MOUNTING
SCALE 1"=1'

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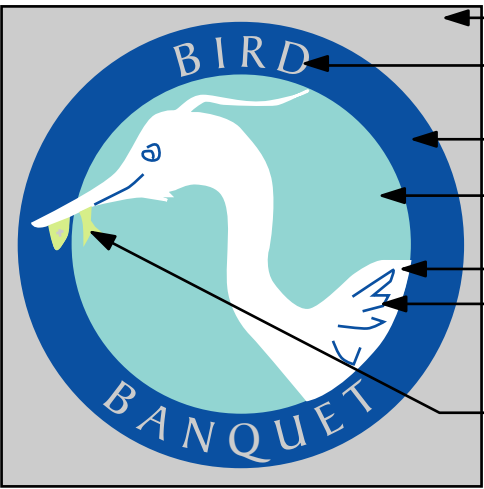
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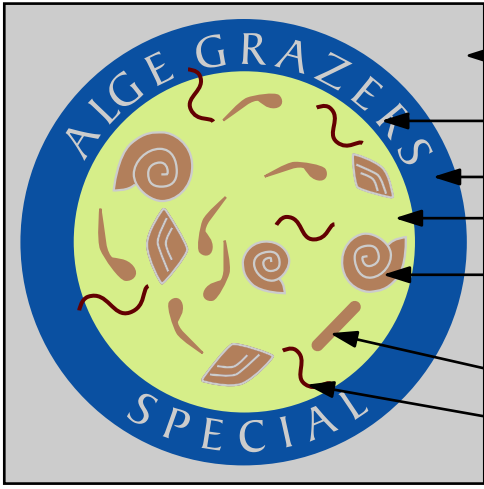
Murfree Spring

C-1





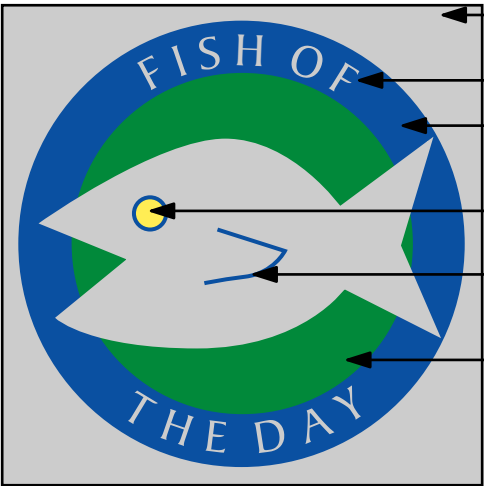
DETAIL 7 - PLAN VIEW
SCALE 1/2"=1'



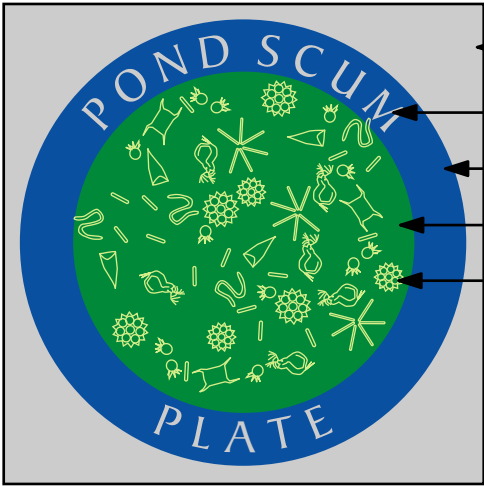
DETAIL 4 - PLAN VIEW
SCALE 1/2"=1'



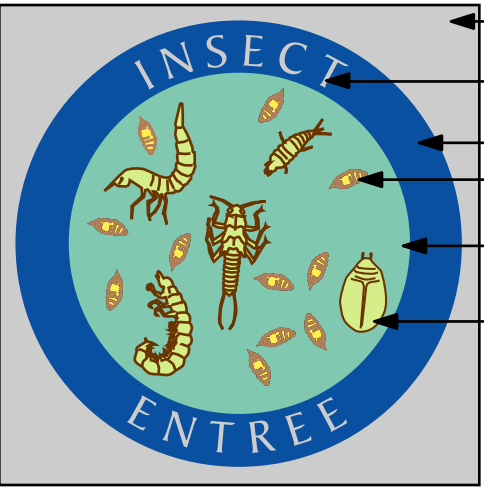
DETAIL 1 - PLAN VIEW
Concept
SCALE NTS



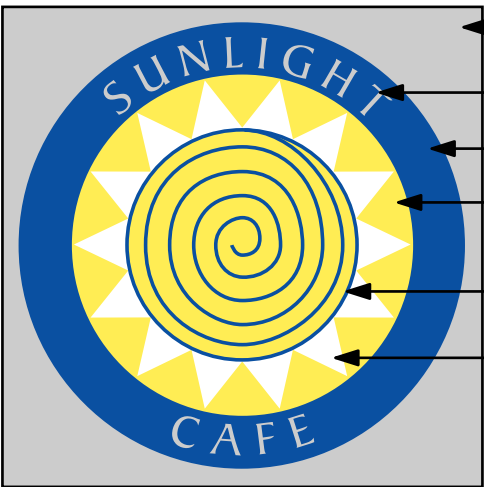
DETAIL 6 - PLAN VIEW
SCALE 1/2"=1'



DETAIL 3 - PLAN VIEW
SCALE 1/2"=1'



DETAIL 5 - PLAN VIEW
SCALE 1/2"=1'



DETAIL 2 - PLAN VIEW
SCALE 1/2"=1'

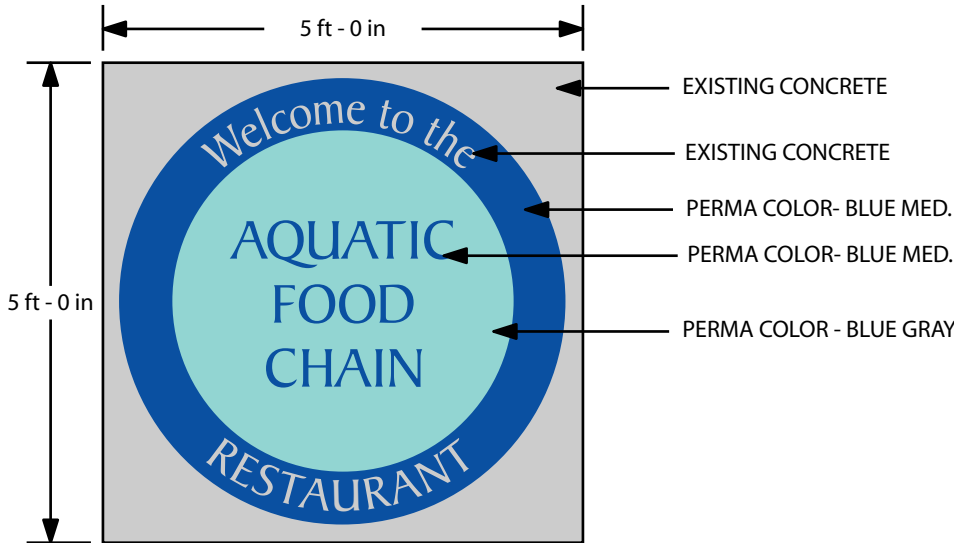
CONTRACTOR TO BE RESPONSIBLE FOR ANY DAMAGE TO WATER QUALITY OR FLORA & FAUNA IN POND CAUSED BY INSTALLATION.

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AED TO SUPPLY DIGITAL FILES FOR MASKS TO SIGN CONTRACTOR.

COLOR TO BE PERMA COLOR
SURFACE AGGREGATE BY:
PERMA CRETE
1101 MENZLER ROAD
NASHVILLE, TN 37210
GREG HILL
615-331-9200
OR APPROVED EQUAL.



DETAIL 1 - PLAN VIEW
SCALE 1/2"=1'

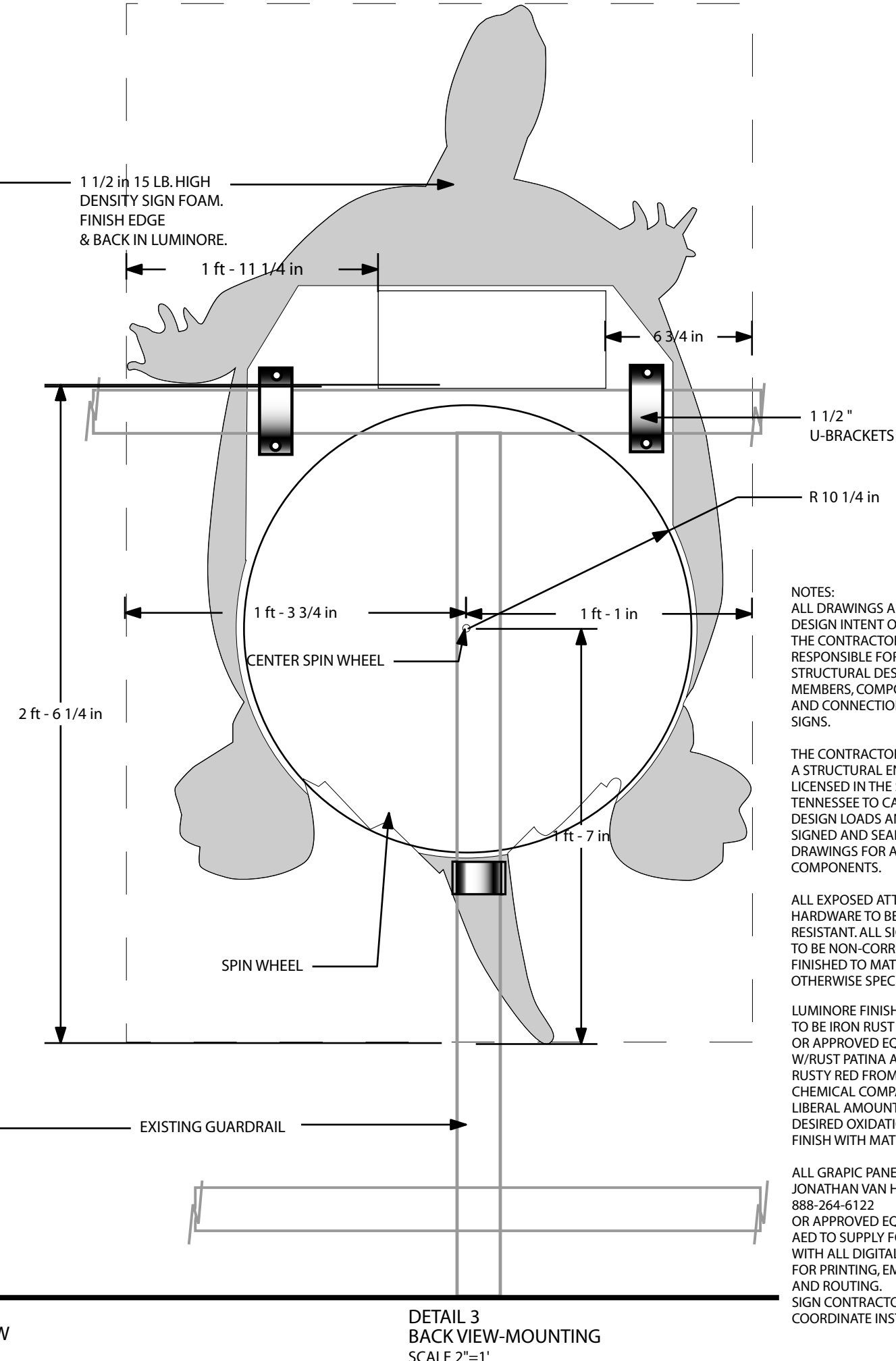
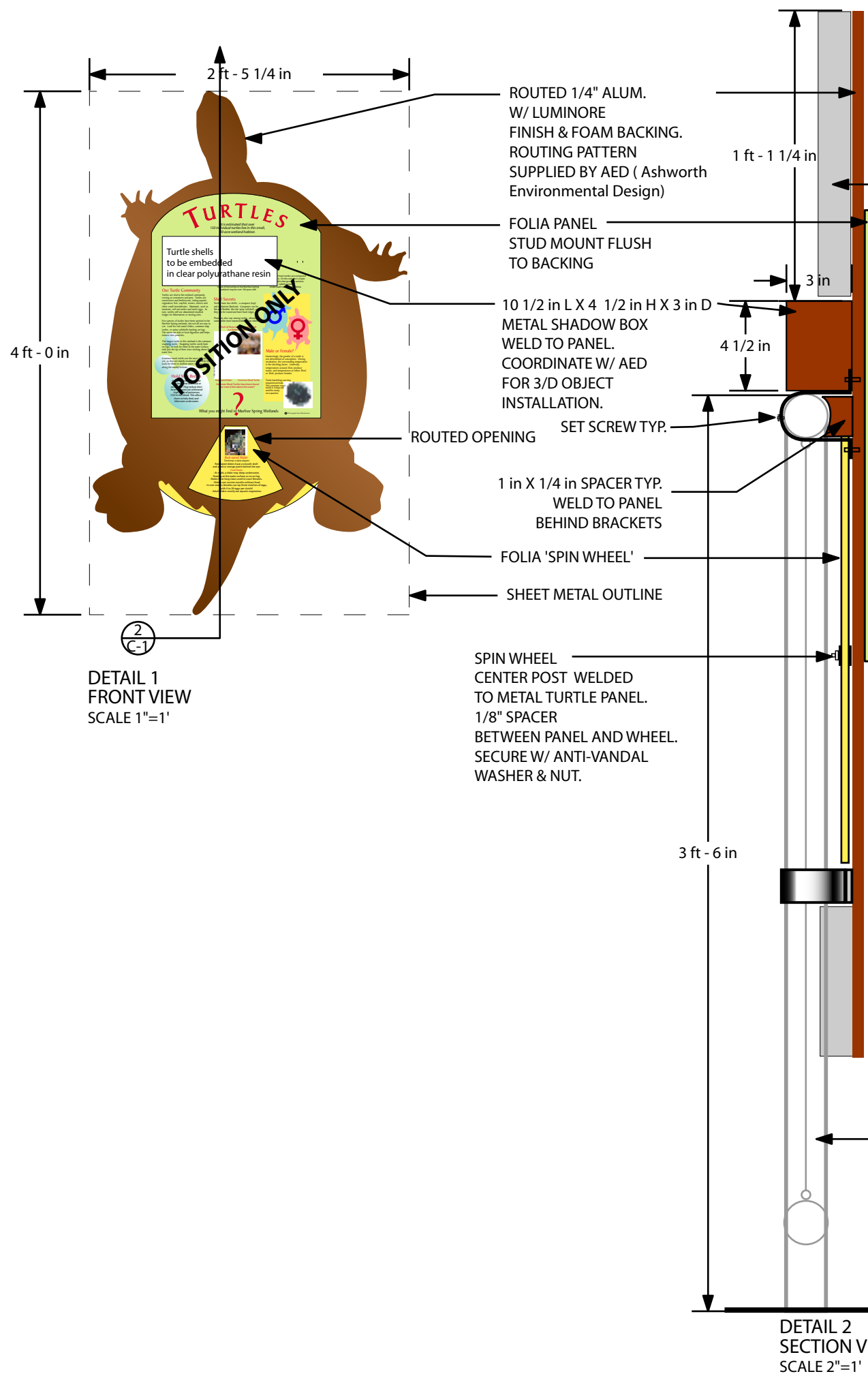


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Food Chain

C-3



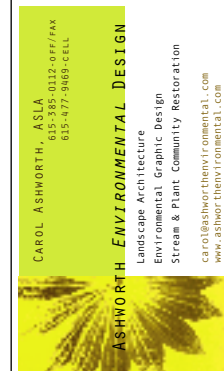
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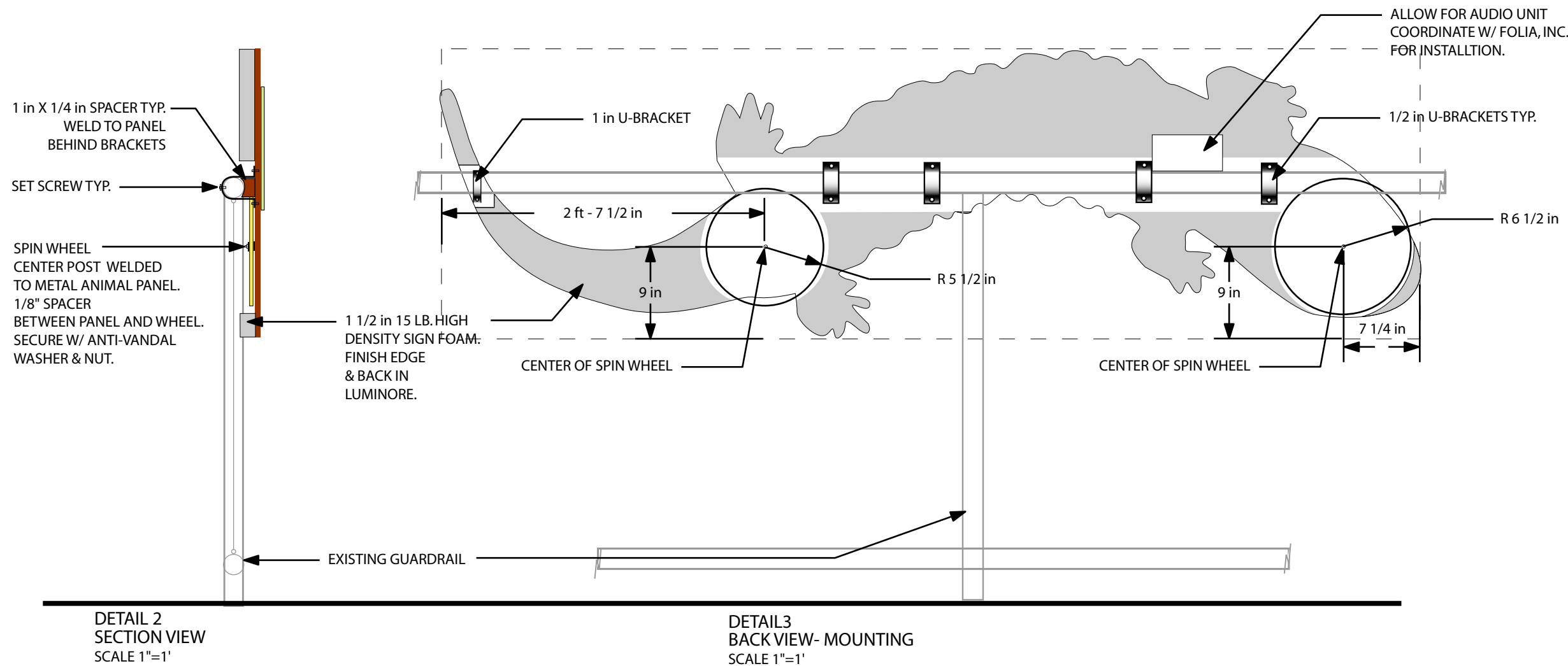
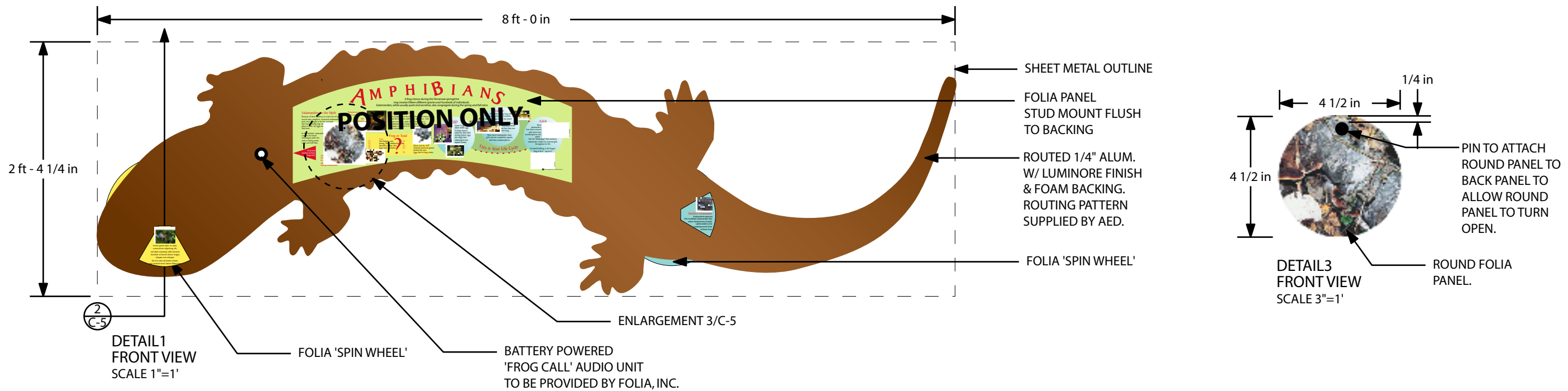


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For U.S. Army Corps of Engineers, Nashville, TN

Date: 04-01-04

Turtle
C-4



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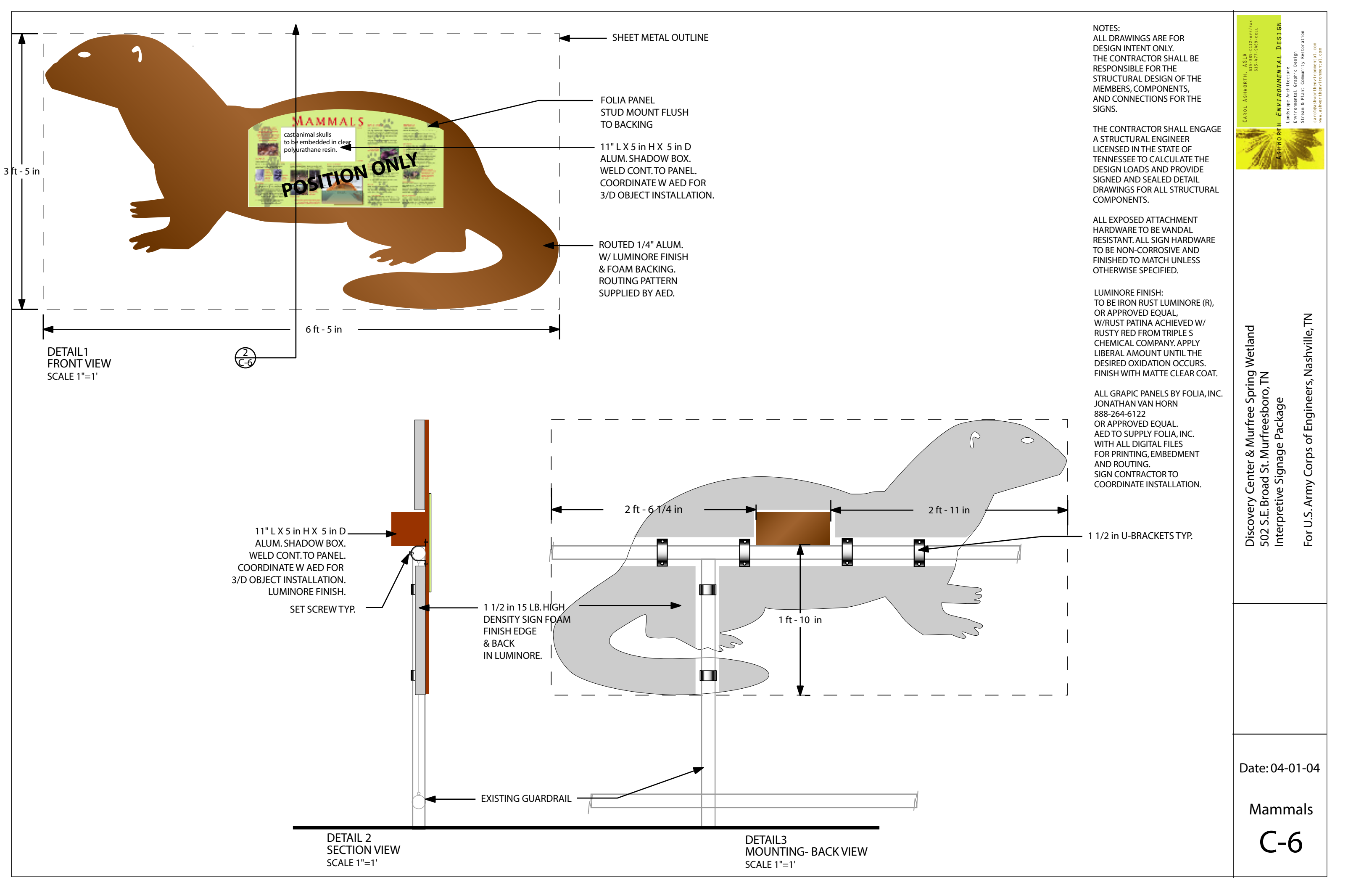
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Amphibians
C-5



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CAROL ASHWORTH, ASLA
615-385-0112 OFFICE
615-477-9469 CELL

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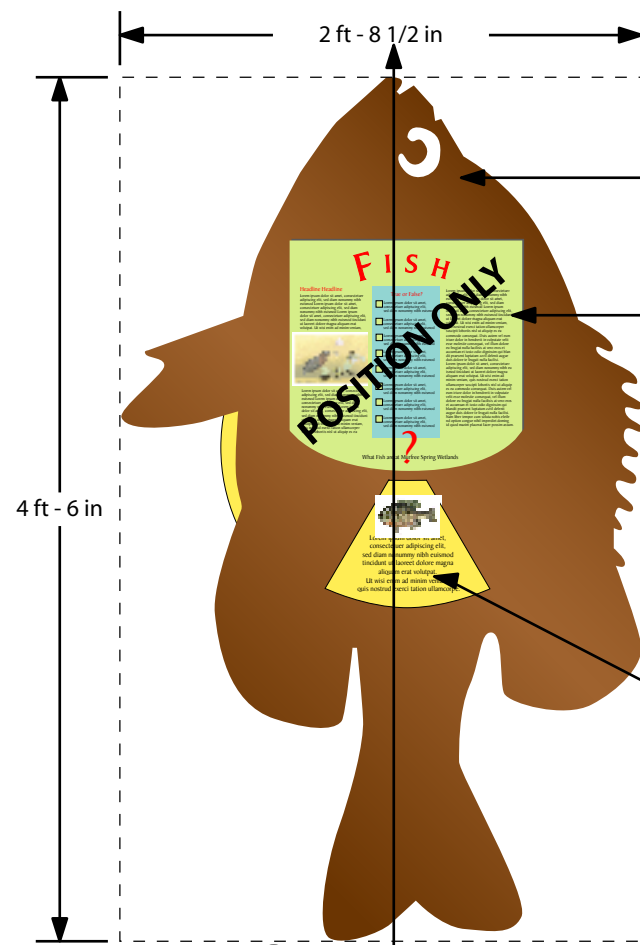
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For U.S. Army Corps of Engineers, Nashville, TN

Date: 04-01-04

Mammals

C-6



DETAIL 1
FRONT VIEW
SCALE 1"=1'

ROUTED 1/4" ALUM.
W/ LUMINORE FINISH
& FOAM BACKING.
ROUTING PATTERN
SUPPLIED BY AED (Ashworth
Environmental Design)

FOLIA PANEL
STUD MOUNT FLUSH
TO BACKING

1 in X 1/4 in SPACER TYP.
WELD TO PANEL
BEHIND BRACKETS

SET SCREW TYP.

FOLIA 'SPIN WHEEL'

SHEET METAL OUTLINE

SPIN WHEEL
CENTER POST WELDED
TO METAL FISH PANEL.
1/8" SPACER
BETWEEN PANEL AND WHEEL.
SECURE W/ ANTI-VANDAL
WASHER & NUT.

3 ft - 6 in

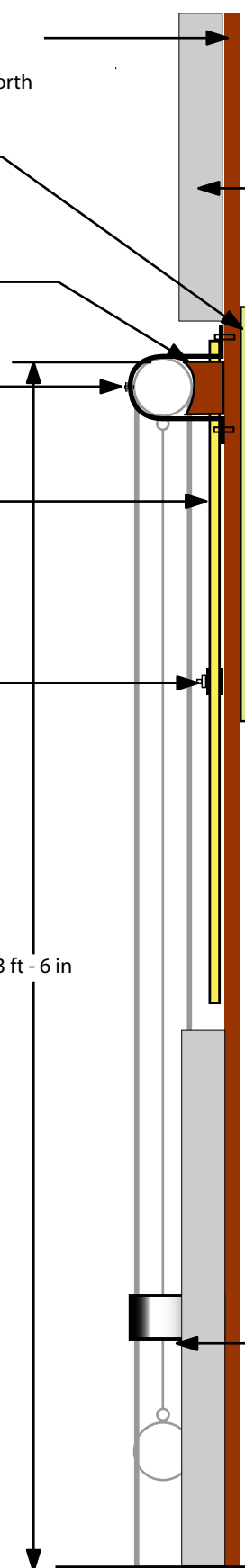
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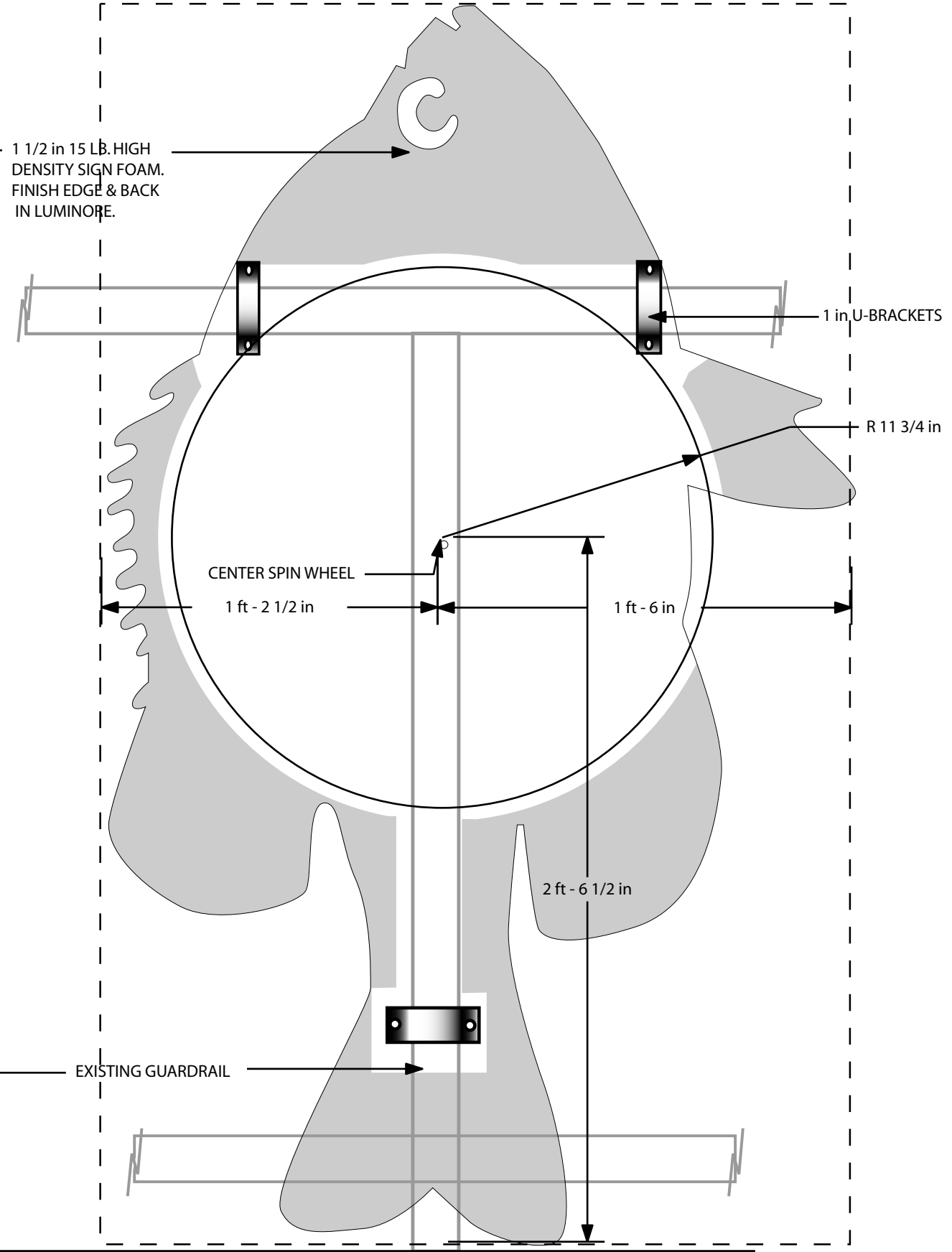
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DETAIL 2
SECTION VIEW
SCALE 2"=1'



DETAIL 3
MOUNTING- BACK VIEW
SCALE 2"=1'

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502 S.E. Broad St. Murfreesboro, TN
Interpretive Signage Package

For U.S. Army Corps of Engineers, Nashville, TN

Date: 04-01-04

Fish

C-7



DETAIL 1- FRONT ELEVATION
Sign Panel Position
SCALE 1/4"=1'

MOUNT PANEL TO
EXISTING RADIO BUILDING.
SEE 4/C-8

3 ft - 6 in

1 in X 1 in X 1/8 in EXTRUDED, ANODIZED ANGLE.
FASTEN TO WALL.

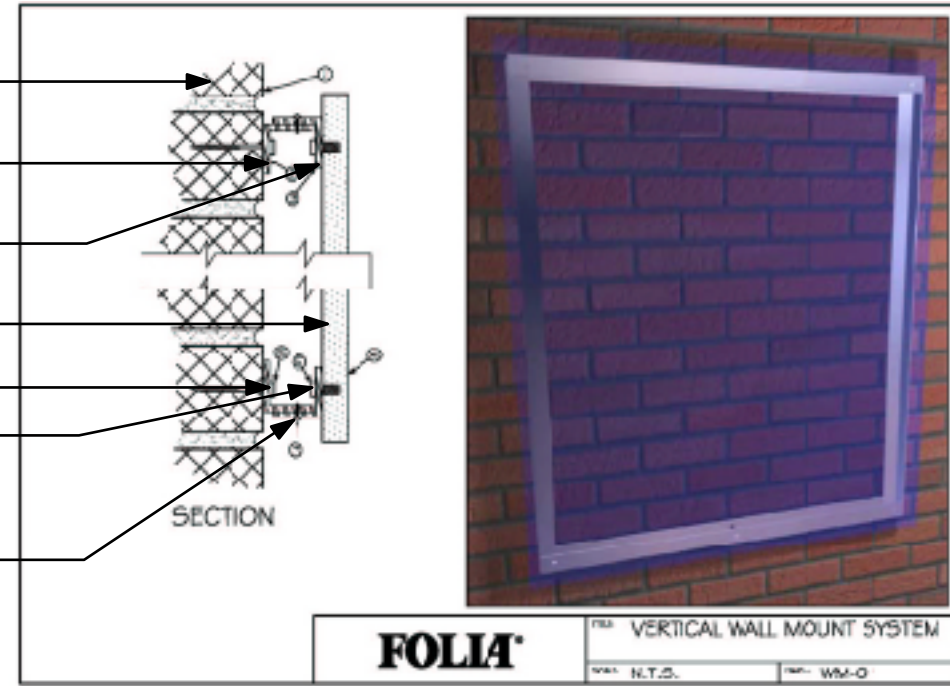
1 in X 1 in X 1/8 in EXTRUDED, ANODIZED ANGLE.
FASTEN TO PANEL.

FOLIA PANEL

TAP CON

1/4 in-20 BUTTON-HEAD SCREWS
(STAINLESS STEEL) WITH HELICOIL THREADED
INSERTS (BY FOLIA)

BUTTON-HEAD ANTI-VANDAL
STAINLESS STEEL SCREWS.



DETAIL 4- MOUNTING
SCALE NTS

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ROUND CORNERS 1/2 in

2 ft - 4 in

1 ft - 5 3/4 in

3 ft - 3 1/2 in

2 ft - 1/4 in

DETAIL 2- FRONT ELEVATION
Sign Panel
SCALE 1 1/2"=1'

3
C-8

AUDIO BUTTON

3 ft - 5 in

BACK PANEL 1/2 in FOLIA

TEXT PANEL 1/2 in FOLIA

FOLIA TO CONNECT PANELS
AED TO PROVIDE PATTERNS

SPEAKER PATTERN
& DIAL 1/2 in FOLIA

BASE 1 in FOLIA

WALL

2 1/2 in

1/8 in ALUM.
CABINET.
ATTACH FOLIA
FACE TO CABINET.
POWDERCOAT
COLOR- TO MATCH
PMS 721

AUDIO UNIT.

DETAIL 3- SECTION
Sign Panel
SCALE 1 1/2"=1'

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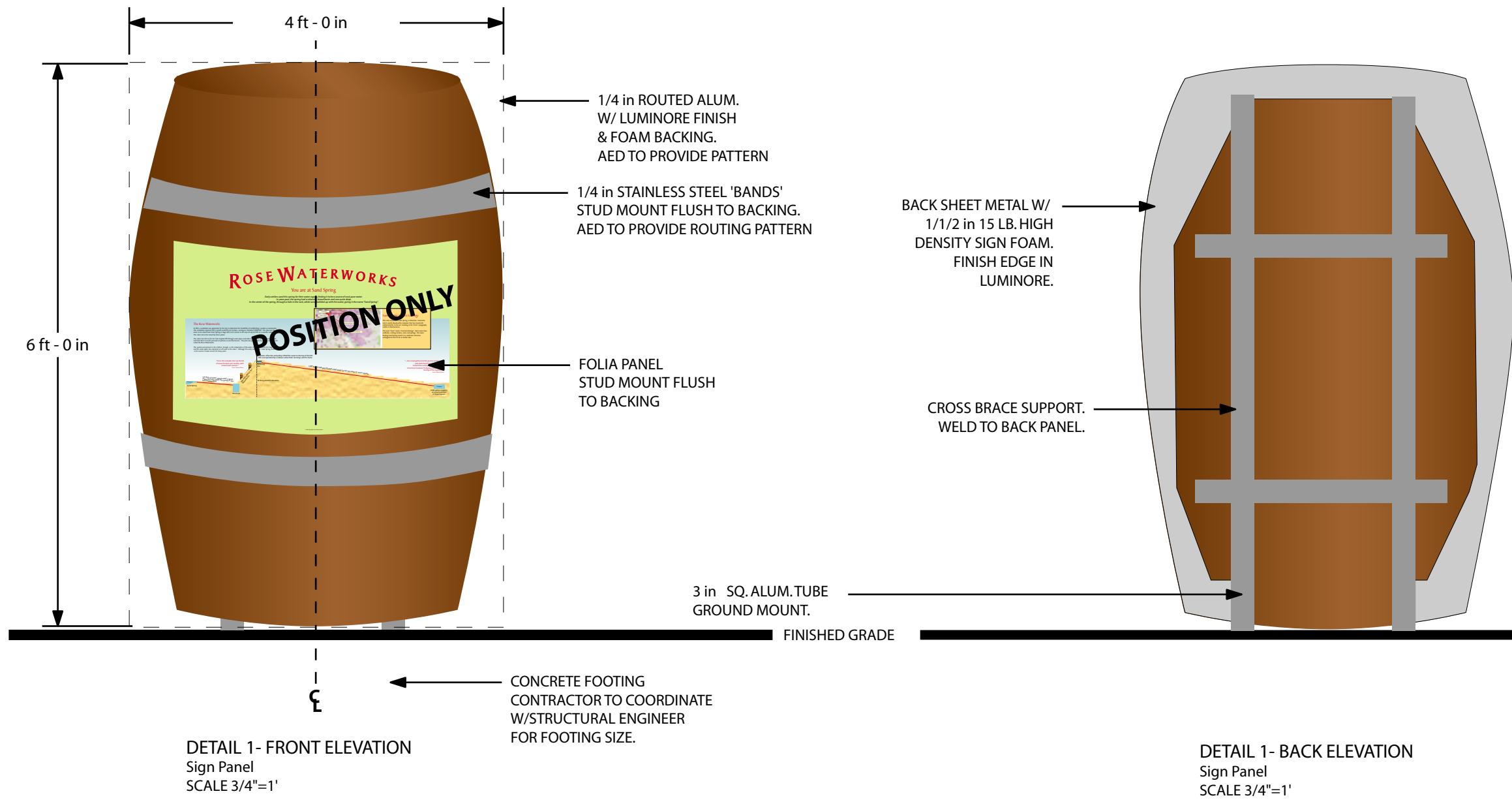
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Radio
C-8

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carol@ashworthenvironmental.com
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Sand Spring
C-9

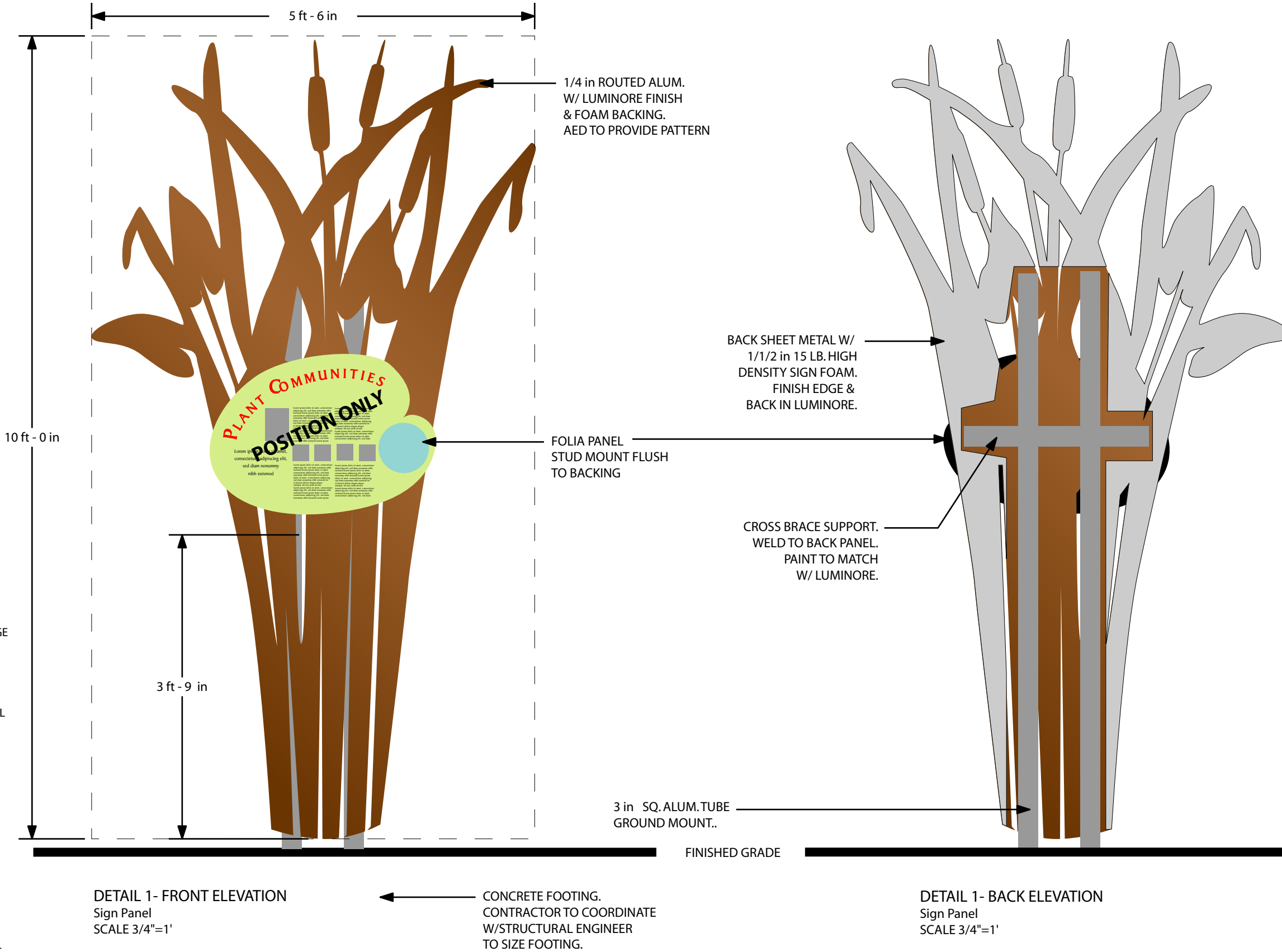
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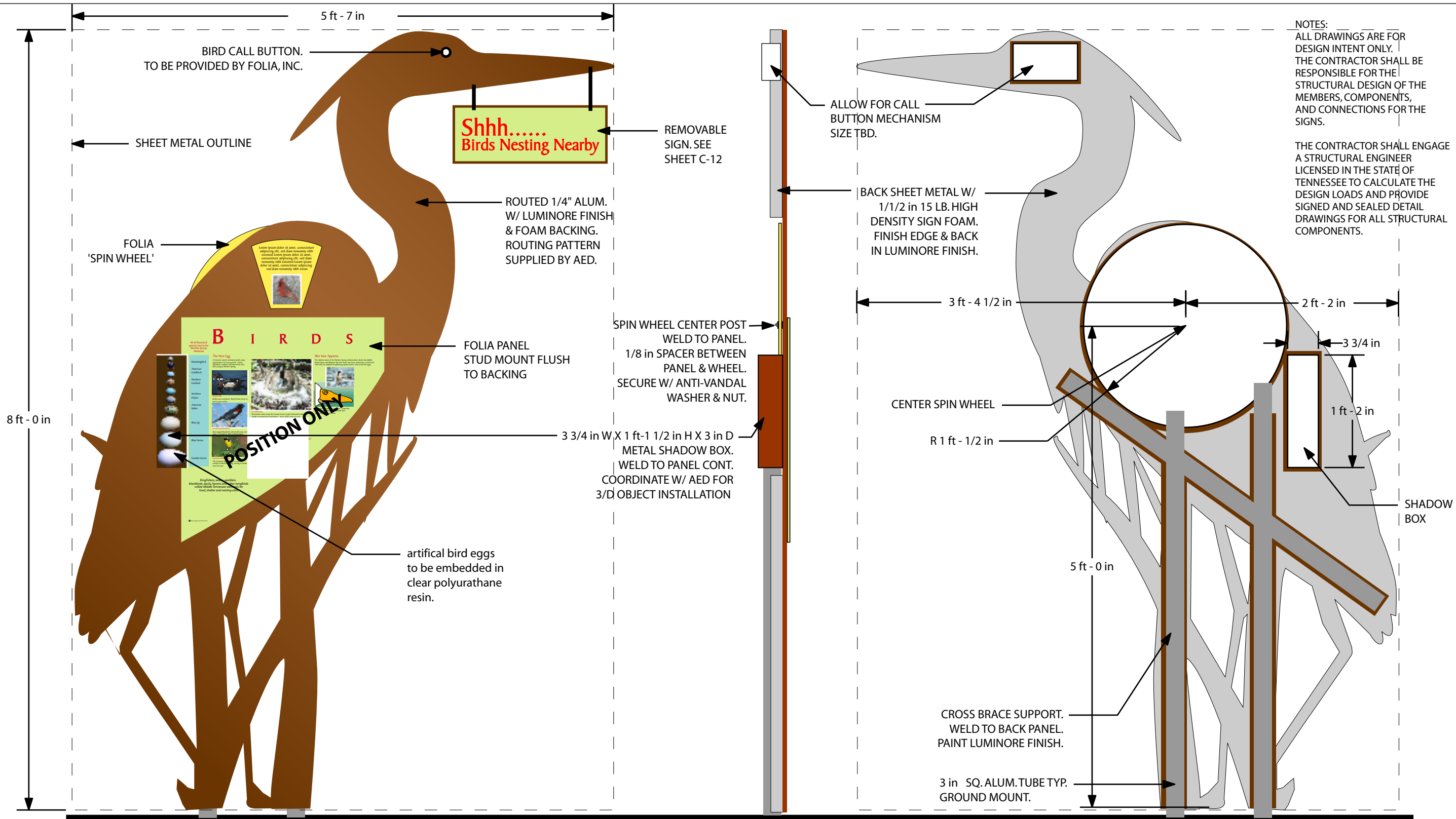
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DETAIL 1
FRONT ELEVATION
SCALE 1"=1'

CONCRETE FOOTING
CONTRACTOR TO COORDINATE
W/STRUCTURAL ENGINEER
FOR FOOTING SIZE.

DETAIL 2
SECTION VIEW
SCALE 1"=1'

DETAIL 3
BACK VIEW- MOUNTING
SCALE 1"=1'

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AND ROUTING.
SIGN CONTRACTOR TO
COORDINATE INSTALLATION.

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COMPONENTS.

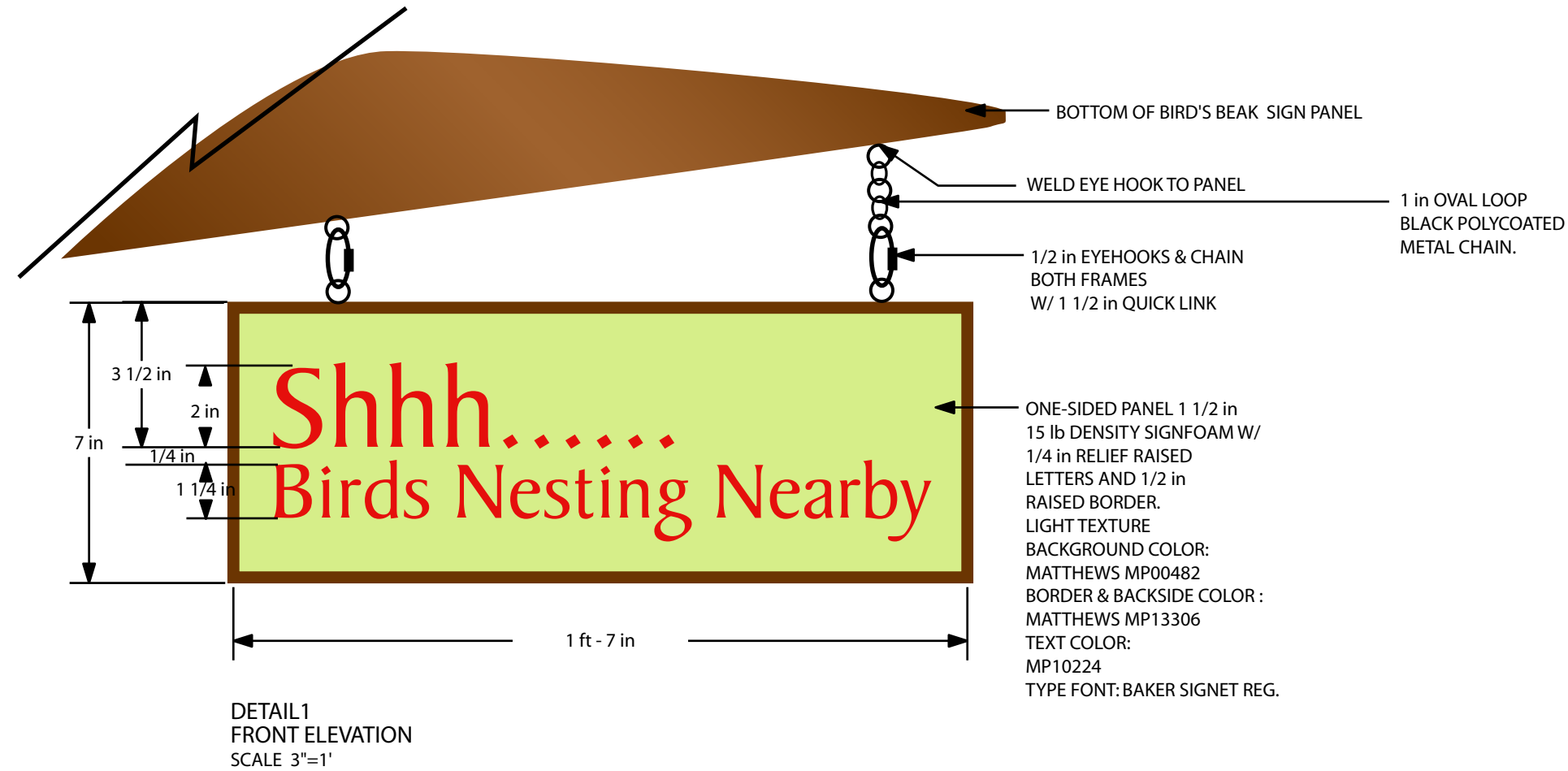


Discovery Center & Murfree Spring Wetland
502 S.E. Broad St. Murfreesboro, TN
Interpretive Signage Package

For U.S. Army Corps of Engineers, Nashville, TN

Date: 04-01-04

Birds
C-11



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Birds
Removable
Sign

C-12



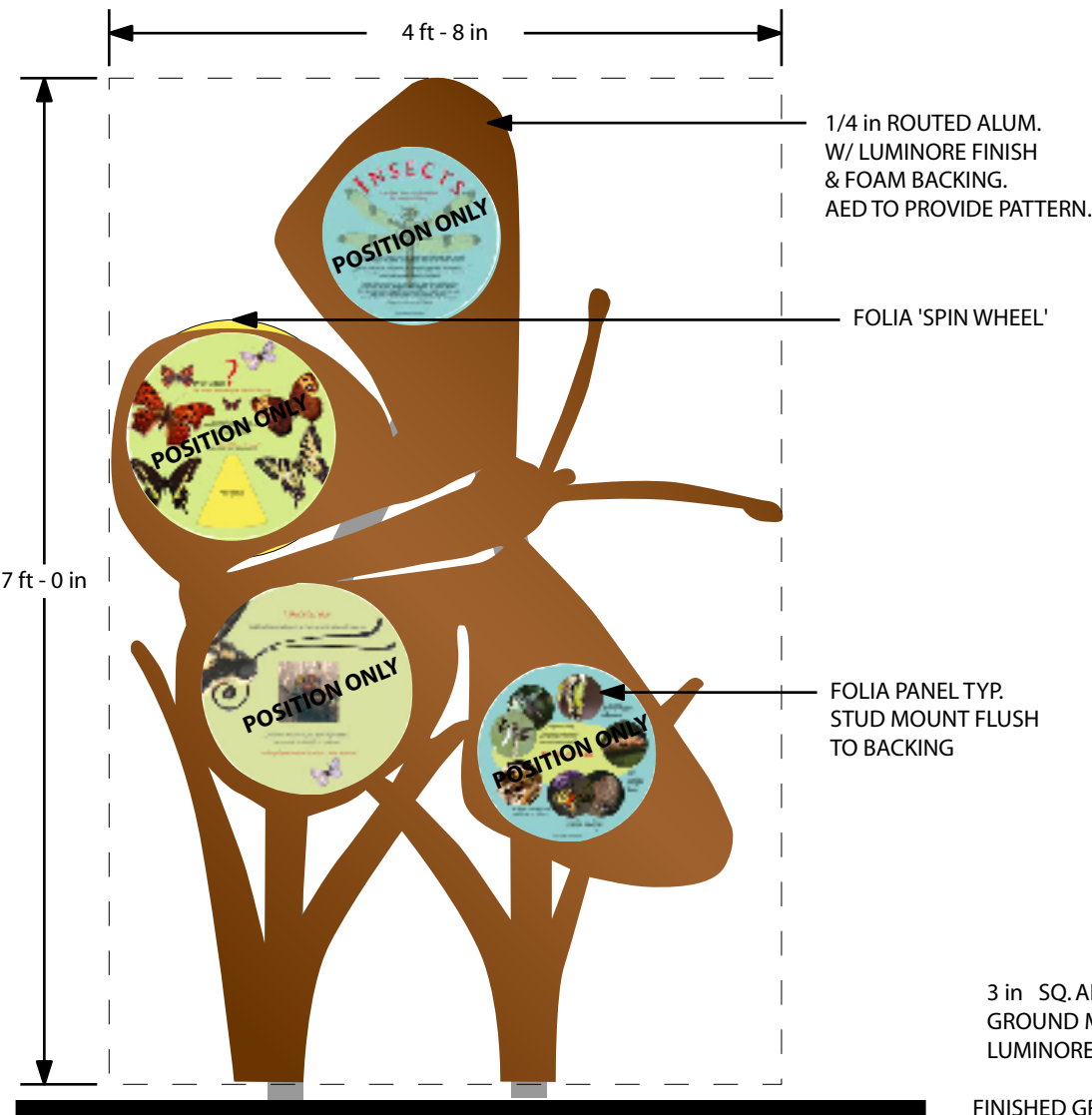
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ALL GRAPIC PANELS BY FOLIA, INC. JONATHAN VAN HORN 888-264-6122 OR APPROVED EQUAL. AED TO SUPPLY FOLIA, INC. WITH ALL DIGITAL FILES FOR PRINTING, EMBEDMENT AND ROUTING. SIGN CONTRACTOR TO COORDINATE INSTALLATION.

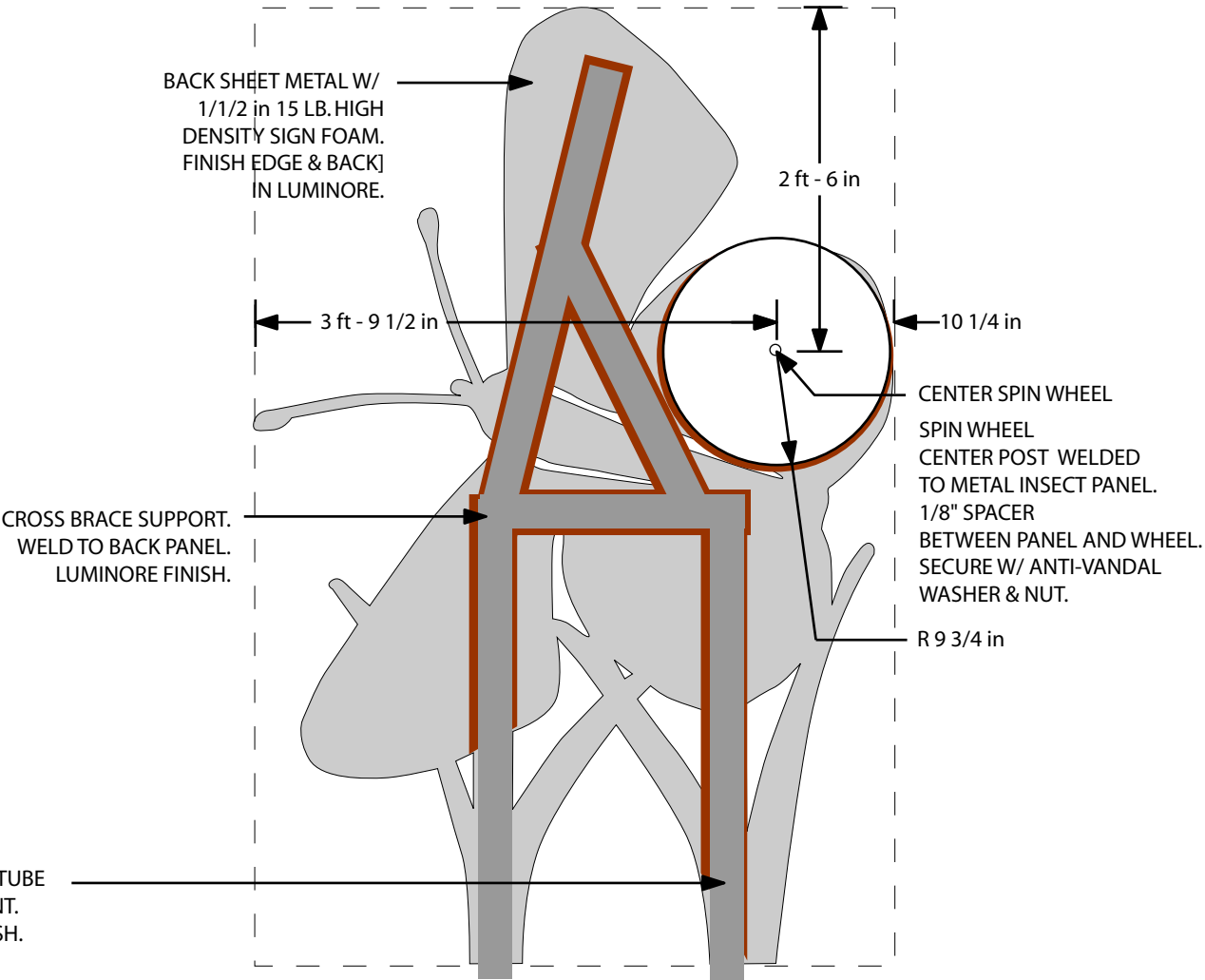


DETAIL 1- FRONT ELEVATION
Sign Panel
SCALE 3/4"=1'

CONCRETE FOOTING.
CONTRACTOR TO COORDINATE
W/STRUCTURAL ENGINEER
FOR FOOTING SIZE.

3 in SQ. ALUM. TUBE
GROUND MOUNT.
LUMINORE FINISH.

FINISHED GRADE

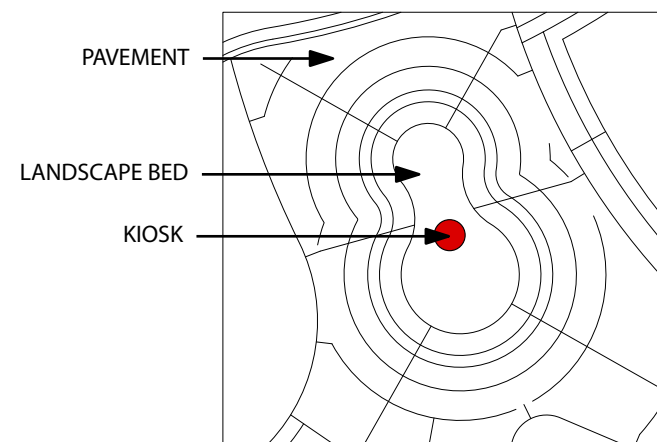
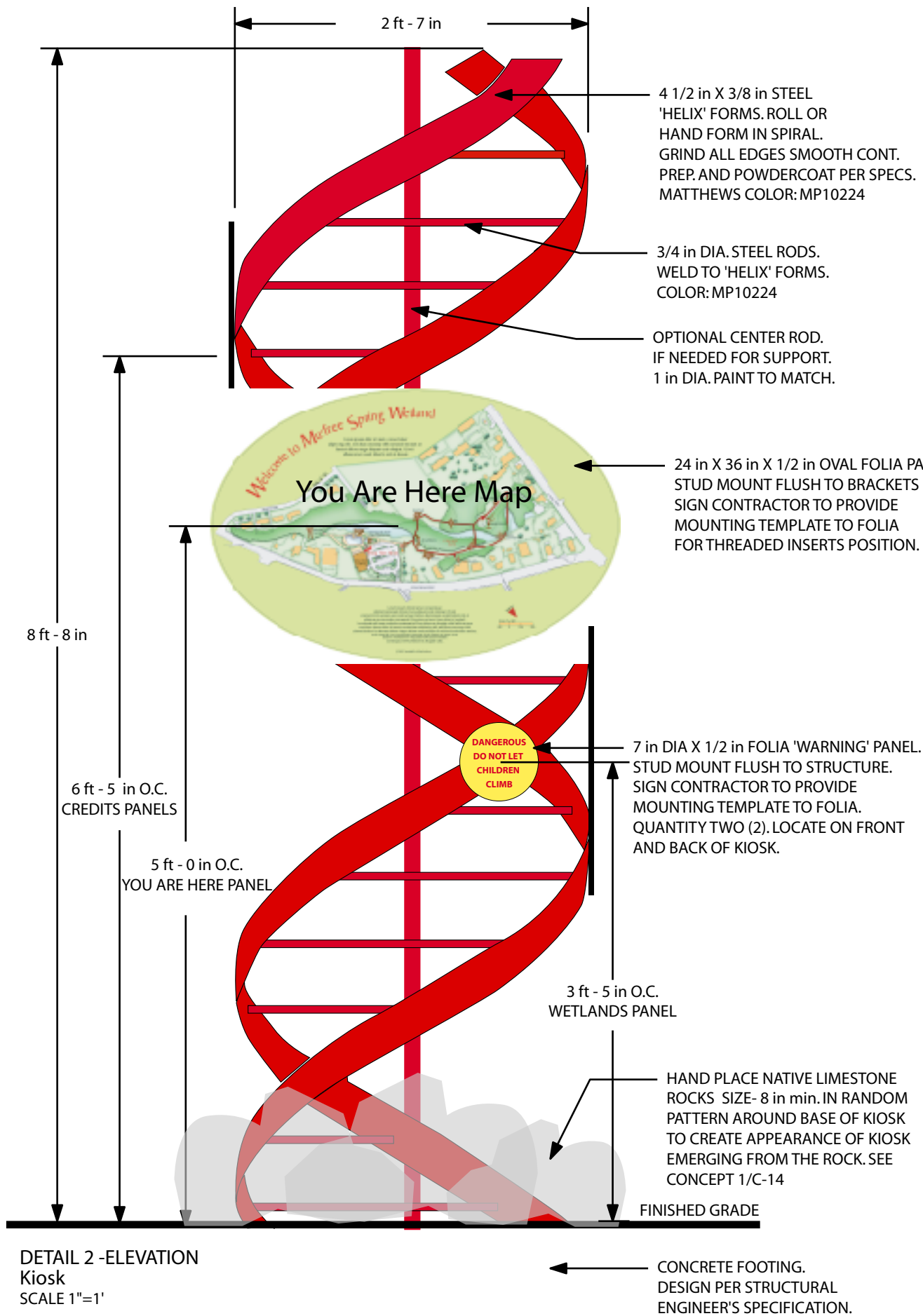


DETAIL 1- BACK ELEVATION
Sign Panel
SCALE 3/4"=1'

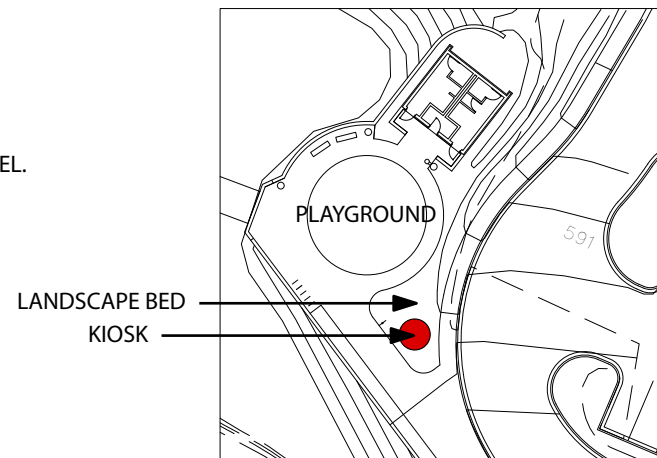
Discovery Center & Murfree Spring Wetland
502 S.E. Broad St. Murfreesboro, TN
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For U.S. Army Corps of Engineers, Nashville, TN

Date: 04-01-04

Insects
C-13



PLAN VIEW
Kiosk Location One
SCALE 1/16"=1'



DETAIL 1 -PLAN VIEW
Kiosk Location Two
SCALE NTS



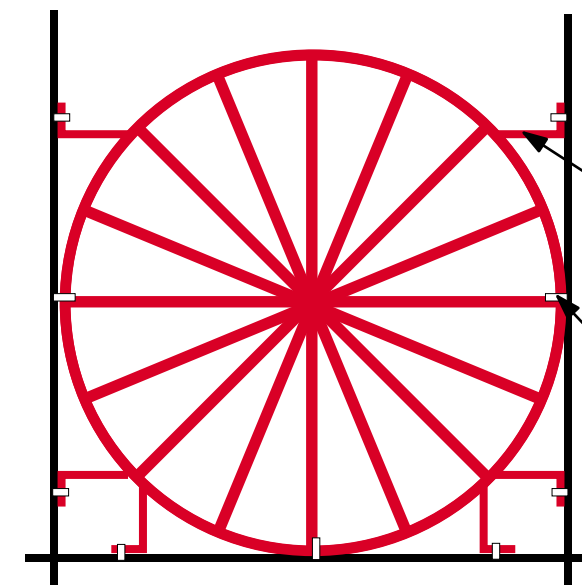
Concept
SCALE NTS

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DETAIL 3 -PLAN VIEW
Kiosk
SCALE 1"=1'



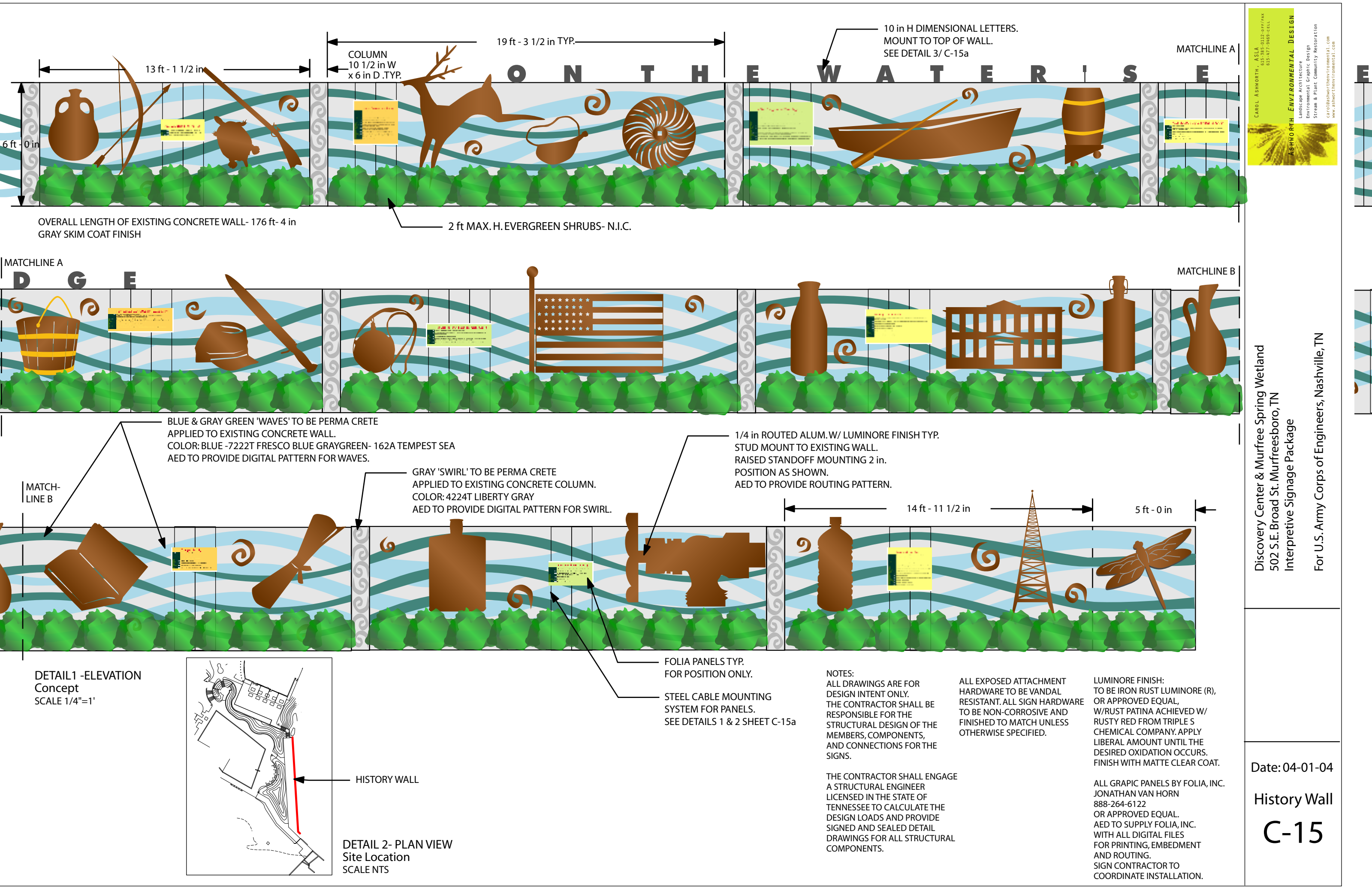
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Information
Kiosk

C-14



OVERALL LENGTH OF EXISTING CONCRETE WALL- 176 ft- 4 in
GRAY SKIM COAT FINISH

2 ft MAX. H. EVERGREEN SHRUBS- N.I.C.

10 in H DIMENSIONAL LETTERS.
MOUNT TO TOP OF WALL.
SEE DETAIL 3/ C-15a

MATCHLINE A

MATCHLINE A

MATCHLINE B

BLUE & GRAY GREEN 'WAVES' TO BE PERMA CRETE
APPLIED TO EXISTING CONCRETE WALL.
COLOR: BLUE -7222T FRESCO BLUE GRAYGREEN- 162A TEMPEST SEA
AED TO PROVIDE DIGITAL PATTERN FOR WAVES.

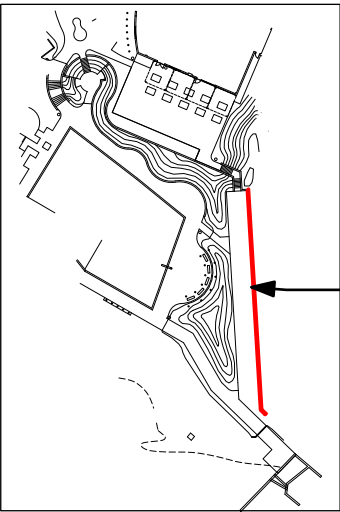
GRAY 'SWIRL' TO BE PERMA CRETE
APPLIED TO EXISTING CONCRETE COLUMN.
COLOR: 4224T LIBERTY GRAY
AED TO PROVIDE DIGITAL PATTERN FOR SWIRL.

1/4 in ROUTED ALUM. W/ LUMINORE FINISH TYP.
STUD MOUNT TO EXISTING WALL.
RAISED STANDOFF MOUNTING 2 in.
POSITION AS SHOWN.
AED TO PROVIDE ROUTING PATTERN.

14 ft - 11 1/2 in

5 ft - 0 in

DETAIL 1 -ELEVATION
Concept
SCALE 1/4"=1'



HISTORY WALL

DETAIL 2- PLAN VIEW
Site Location
SCALE NTS

FOLIA PANELS TYP.
FOR POSITION ONLY.

STEEL CABLE MOUNTING
SYSTEM FOR PANELS.
SEE DETAILS 1 & 2 SHEET C-15a

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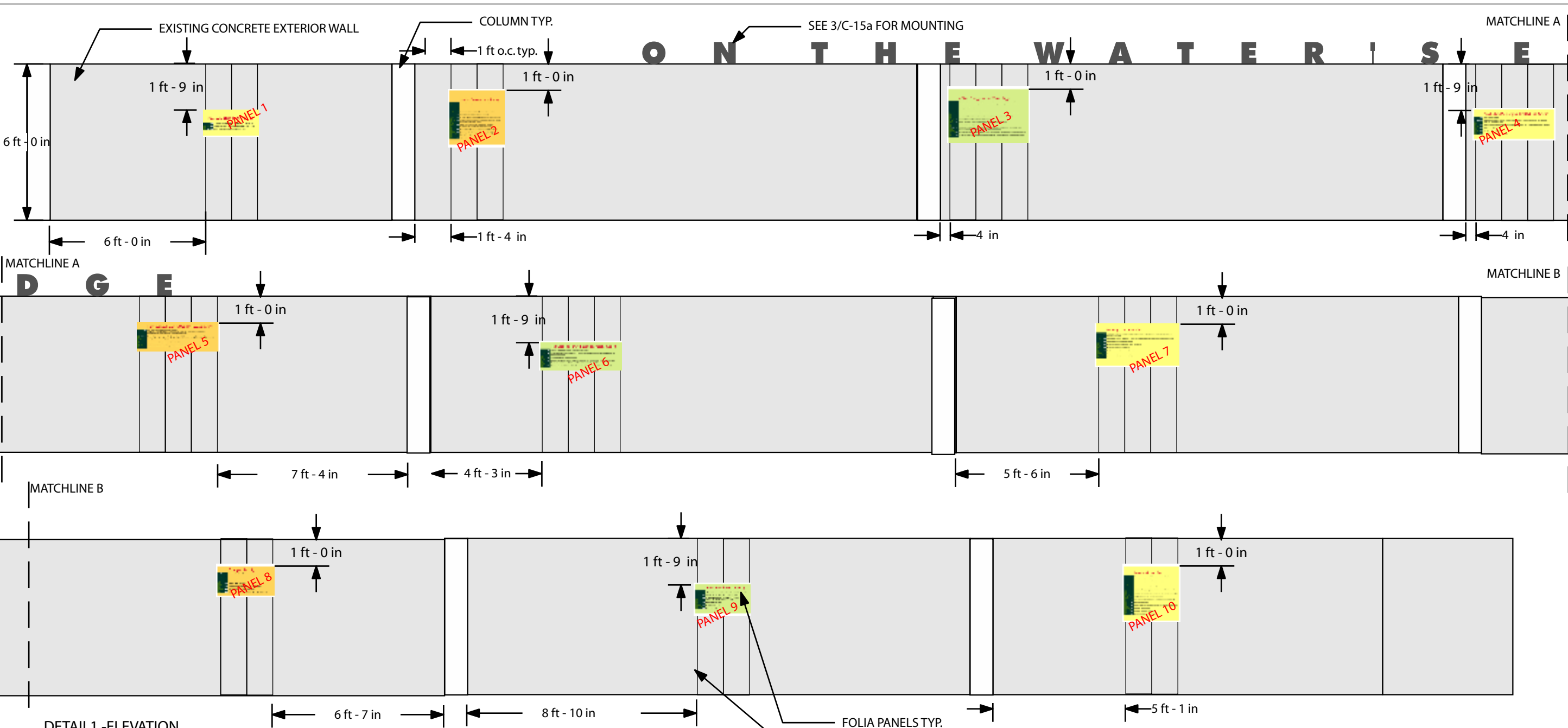
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Date: 04-01-04

History Wall
C-15

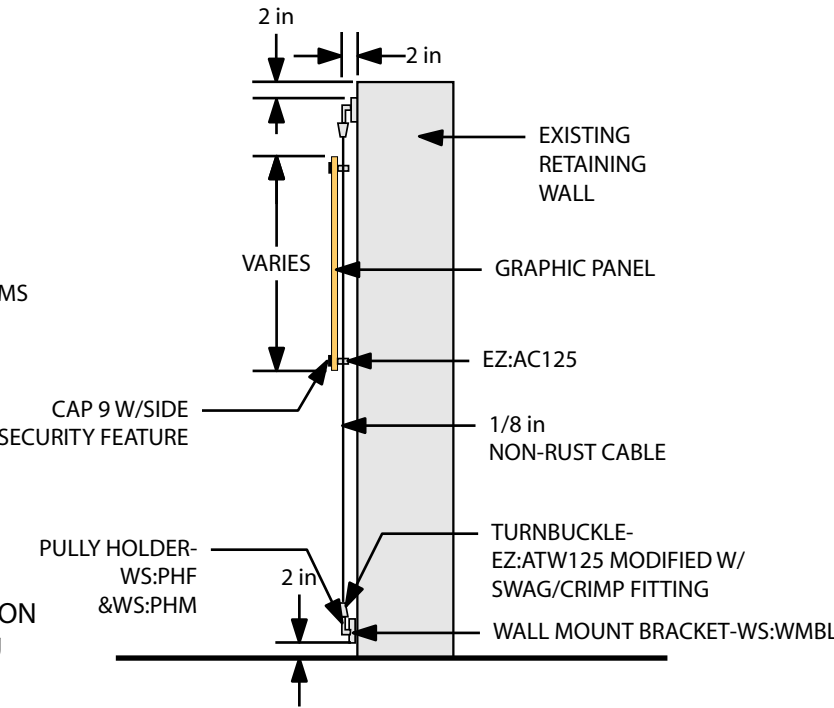




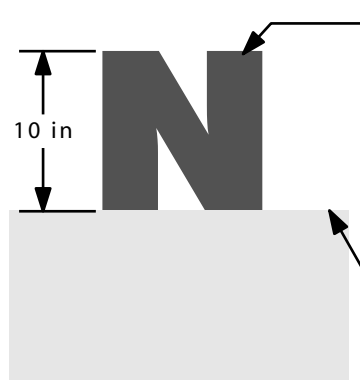
DETAIL 1 -ELEVATION
Cable & Panels
SCALE 1/4"=1'

NOTE:
CABLE SYSTEM BY
STAND OFF SYSTEMS
775-829-7272
JOANNE
OR APPROVED
EQUAL.

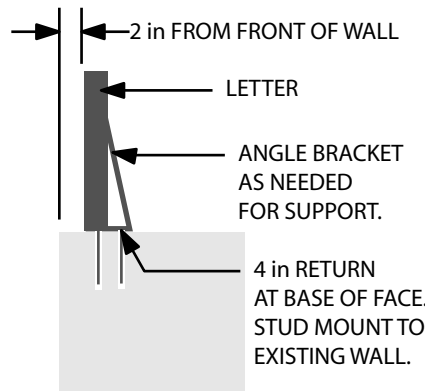
DETAIL 2- SECTION
Panel Mounting
SCALE 1/2"=1'



DETAIL 3- FRONT ELEVATION
Dimensional Letter Mounting
SCALE 1"=1'



NOTE:
FONT IS MYRIAD
ROMAN. ALL CAPS.
AED WILL
SUPPLY VECTOR
FILE IF NEEDED.



SIDE VIEW

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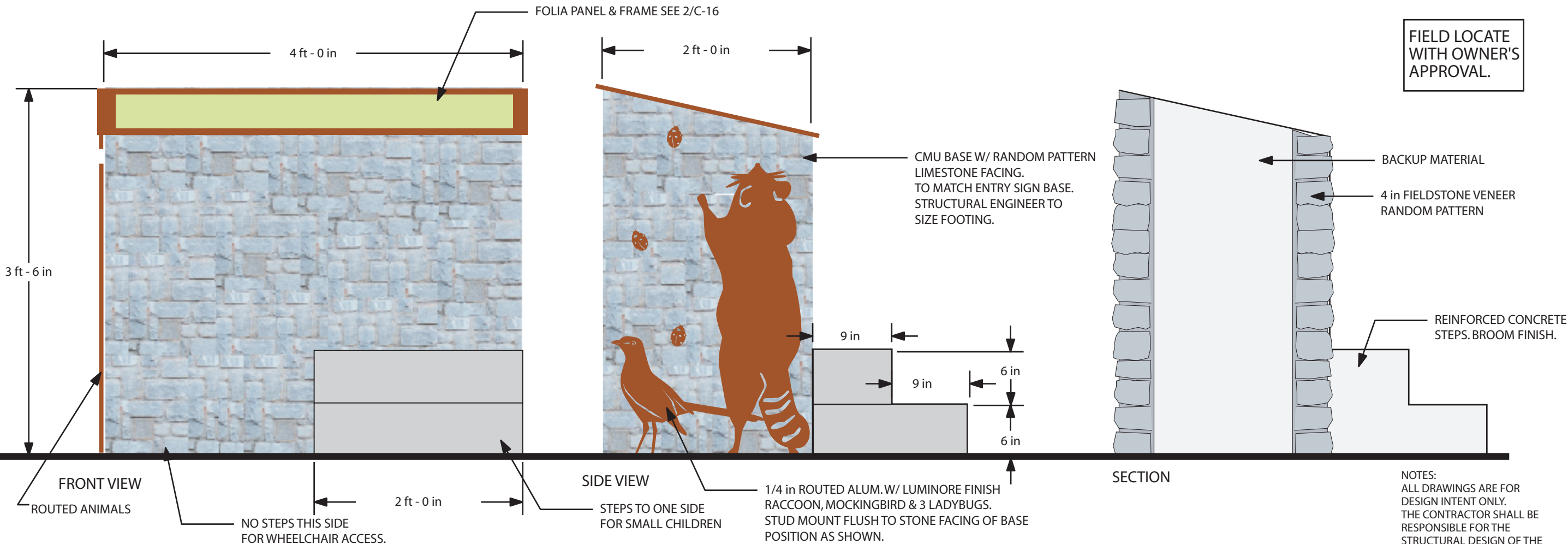
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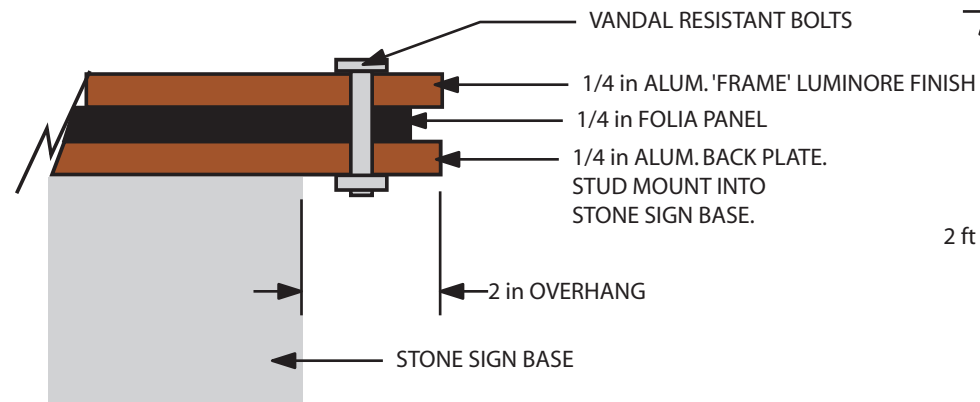
Date: 04-01-04

History Wall
C-15a

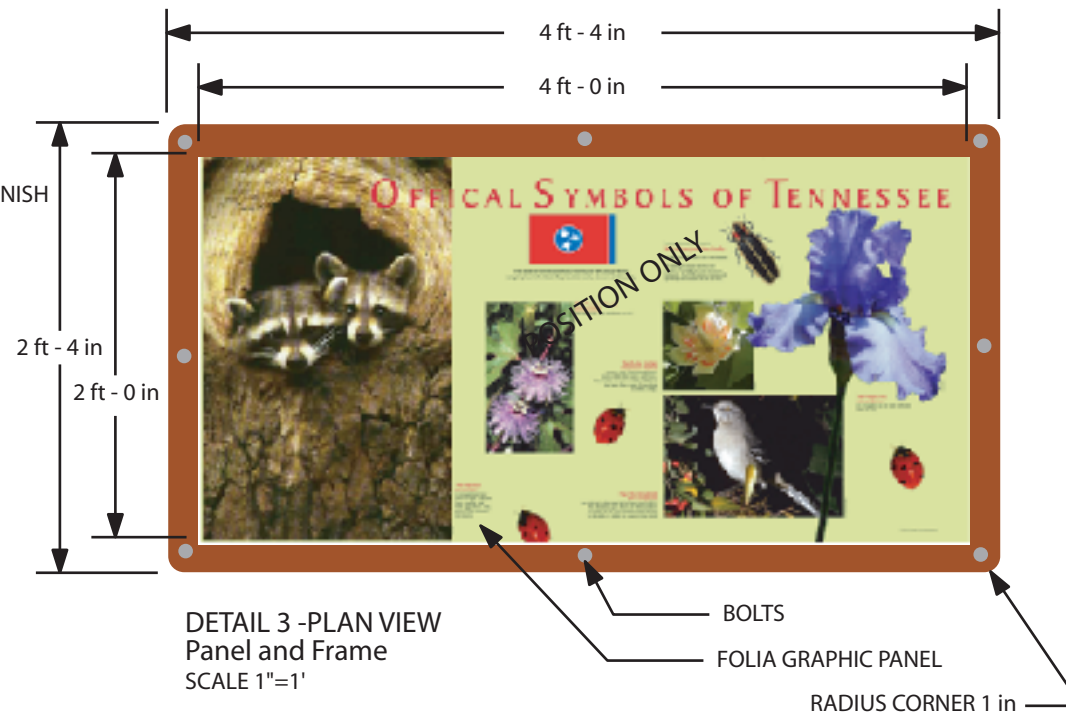




DETAIL 1 -ELEVATION
TN Icons Interpretive Station
SCALE 1"=1'



DETAIL 2 -SECTION
Sign Panel Frame Mounting
SCALE 1 1/2"=1'



FIELD LOCATE
WITH OWNER'S
APPROVAL.

BACKUP MATERIAL

4 in FIELDSTONE VENEER
RANDOM PATTERN

REINFORCED CONCRETE
STEPS. BROOM FINISH.

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Tennessee
Icons
C-16